GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

UNSTARRED QUESTION NO:3151
ANSWERED ON:19.03.2001
GROUND WATER
MOHAMMED SHAHABUDDIN

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether ground water is not worth for drinking due to seepage of chromium, iron, copper and zine from the industrial units in many States in the country;

(b) if so, the details thereof, State-wise; and

(c) the steps being taken by the Government to remove the said metals and ensure the availability of safe water in the States?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SMT. BIJOYA CHAKRAVARTY)

(a) & (b) The names of the States and locations where ground water has been found contaminated and reasons thereof are indicated in the attached Statement.

(c) Provision of drinking water supply is the responsibility of the State Governments. Rajiv Gandhi National Drinking Water Mission under the Ministry of Rural Development has been assisting and guiding the States in the provisionof safe drinking water to rural population under the Accelerated Rural Water Supply Programme, and exclusive Sub-Missionsin areas having serious ground water quality problems like Fluoride, Iron, Arsenic, Nitrate and Brackishness. In such quality affected areas, where ground water is unfit for drinking, the safe drinking water is supplied either through alternative sources, tapping surface water o r b y other means by undertaking remedial measures like defluoridation, iron removal and arsenic removal. In addition, measures taken to mitigate the problem of ground water pollution are as follows:-

(i) The Central Govern;ment has set-up Central Ground Water Authority to regulate and control ground water management and development.

(ii) Mass awareness and education programme have been launched on the significance of water economy, efficient utilization, health, hygiene and sanitation.

(iii) Central Pollution Control Board has adopted several measures like directing the industries through State Pollution Control Boards to limit the discharge of effluent within the stipulated standards, initiation of scheme to give assistance to clusters of small scale industrial units for setting up common effluent treatment plants and taking up of quality scheme of monitoring in critically polluted areas.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) and (b) OFLOK SABHA UNSTARRED QUESTION NO. 3151 FOR REPI ON 19.03.2001

STATE-WISEDETAILS OF CONTAMINATION OF GROUND WATER IN SOME AREAS/THE DISTRICTS DUE TO VARIOU CONTAMINANTS

SL.NO.	STATE	SALINITY	IRON	FLUORIDE	NITRATE	ARSENIC	HEAVY METALS
1.	Andhra Pradesh	East Godavari, West Godavari, Krishna, Guntur, Prakasam Anantapur, Cuddapah, Kurnool, Mehboobnagar,	Rangareddy, Adilabad	Prakasam, Nellore, Anantapur, Nalgonda, Prakasam, Nellore, Chittoor,	Visakhapatnam, East Godavari, Krishna,	Cuddapah, Nalgonda	Anantapur, Mehboobnagar, Prakasam, Visakhapatnam,

SL. NO.	STATE	SALINITY	IRON	FLUORIDE	NITRATE	ARSENIC	HEAVY METALS
10.	Mahara shtra	Amravati, Akola Nanded, Aurangabad Osmanabad, Solapur, Satara, Sangli, Kolhapur, Dhule, Jalgaon, Aurangabad, Ahmednagar, Pune, Buldhana, Amravati, Akola, Nagpur, Wardha, Bhandara, Chandrapur, Gadchiroli	Bhandara, Chandrapur, nanded, Latur,	Thane, Jalna, Beed,			
11.	Orissa	Cuttack, Baleswar, Puri	Parts of coastal Orissa	Bolangir			Angul, Talcher
12.	Punjab	Bhatinda, Sangrur, Faridkot, Firozpur jalandhar, Amritsar	Faridkot, Bhatinda, Sangrur, Bhatinda	Ludhiana, Faridkot, Bhatinda, Firozpur, sangrur,	Patiala, Mandi, Gobindgarh		Ludhiana,
13.	Rajast han	Bharatpur, Jaipur, Nagpur, Jalore, Sirohi, Jodhpur Bundi, Swai Madhopur	Alwar, Dungarp ur,	Bikaner, Ganganagar, jalore, nagaur, Pali, Sirohi	Barmer, Bikaner, Ganganagar, Bikaner, Jalore, Barmer,	Jaipur, Churu,	Pali, Udaipur, Khetri

SL. NO.	STATE	SALINITY	IRON	FLUORIDE	NITRATE	ARSENIC	HEAVY METALS
14.	Tamil Nadu	Karaikal, Pondicherry, Nagapattanam , Quide-Millet, Pudukottai, Ramananthapuram, North Arcot-Ambedkar, Dharmapuri, Salem, Trichy, Coimbatore	Salem, North Arcot-Ambedkar, Villipuram-Padayatchim Muthuramalingam, Tiruchirapalli, Pudukottai	Dharmapuri, Coimbatore, Periyar, Salem			Manali, North Arcot
15.	Tripura		Dharmnagar, Kauleshaher, Khowai, Ambasa, Amapur and parts of Agartala valley				
16.	Uttar Prade sh	Agra, Mathura, Mainpuri, Banda Maharajganj, Gorakhpur,	Bulandshahar, Aligarh, Agra Rae-Bareli Saharanpur, Aligarh	Orai, Lalitpur, Unnao, Faizabad, Sultanpur,	Jhansi,	Allahabad,	Singrauli, Basti, Kanpur, Jaunpur,

Deoria					
17. West Bengal	Midnapore, Howrah, Hoogly, Birbhum, Bankura	Birbhum	Uttar Dinajpur, Halda, Nadia, Nadia	Malda, South 24 paraganas, Nadia, Hoogly, Murshidaba d, Bradhaman, Howrah	Durgapur, Howrah, Murshidabad,
18. NCT of Delhi	City, Shahdara & Mehrauli blocks City and Shahdara blocks	Mehrauli,		Alipur, Kanjhawala Najafgarh,	